

DYNATECH SCIENTIFIC INC -- NORMAL SOLVENT BLEND;MIL-C-38736B,TYPE I -- 6850-00-611-7993
===== Product Identification =====

Product ID:NORMAL SOLVENT BLEND;MIL-C-38736B,TYPE I

MSDS Date:04/01/1994

FSC:6850

NIIN:00-611-7993

MSDS Number: BWCDG

=== Responsible Party ===

Company Name:DYNATECH SCIENTIFIC INC

Address:3111 CONTI ST.

City:NEW ORLEANS

State:LA

ZIP:70119

Country:US

Info Phone Num:504-822-29

36/3411(FAX)

Emergency Phone Num:405-734-2179

CAGE:0VL27

=== Contractor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Na

me:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL 9394
EPA Rpt Qty
:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9394

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY
CAUSE IRRITATION AND DEFATTING.INGEST:MAY CAUSE GI TRACT

IRRITATION.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER
INGESTING.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS E
FFECTS.CHRONIC:HMIS SUGGESTS THAT SOLVENT MAY CAUSE
LIVER,KIDNEY,BRAIN AND CNS DAMAGE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of

Overexposure:INGEST:VOMITING,HEADACHE,DIZZINESS.INHAL:DIZZINESS,LIG
HTHEADEDNESS,NARCOSIS.EYES:REDNESS,BURNING.SKIN:REDNESS,CRACKING,DR
YING.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND
RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

=====
First Aid Measures
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First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT
INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.DO NOT
LEAVE VICTIM UNATTE
NDED.

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Fire Fighting Measures
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Flash Point:30.0F,-1.1C

Lower Limits:1

Upper Limits:11.4

Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE,FOAM.WATER
SPRAY MAY SPREAD BURNING LIQUID.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL
DISTANCES ALONG THE GROUND,AND FLASHBA
CK AT THE SOURCE.

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER
RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF
SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT
ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.AVOID
ENTRY INTO SEWER.

Neutralizing Agent:NOT APPLICABLE.

=====
Handling and Storage
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Handling and Storage Precautions:STORE

IN A COOL, DRY, WELL-VENTILATED

PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: GROUND CONTAINERS WHEN TRANSFERRING LIQUID; FLOWING HYDROCARBONS CAN BECOME ELECTROSTATICALLY CHARGED. EMPTY CONTAINERS MAY BE HAZARDOUS; DISPOSE OF PROPERLY OR RETURN TO A RECYCLING FACILITY.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: RUBBER

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS. SEPERATE WORK CLOTHES FROM STREET CLOTHES. LAUNDER WORK CLOTHES BEFORE REUSE. KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NONE

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===== Physical/Chemical Properties =====

HCC: F2

Boiling Pt: B.P. Text: 180-190F

Vapor Pres: 50

Vapor Density: 2.8

Spec Gravity: 0.795

Evaporation Rate & Reference: 4.0 (N-BUTYL ACETATE=1)

Solubility in Water: SLIGHT

Appearance and Odor: LIQUID; CLEAR; SOLVENT ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, BASES AND OXIDIZERS.

Stability Condition to Avoid: HIGH HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products: CA

RBON DIOXIDE,CARBON MONOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:INCINERATE OR DISPOSE OF IN ACCORDANCE WITH
FEDERAL,STATE AND LOCAL REGULATIONS.

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